



Supplementary Figure Legend:

Participant disposition for the clinical study. A = Sugar-free chewing gum; B = Sugar-free chewing gum containing 18.8mg CPP-ACP; C = no chewing gum.

Supplementary Table. List of PCR primers

Species	Genome size (bp)	Forward primer	Reverse primer	Product size (bp)	Target gene	Genbank accession #	Reference
<i>Streptococcus mutans</i>	2,030,936 [Ajdic et al., 2002]	agccatgcgcaatcaacaggtt	cgcgaacgcgaacatcttgatcag	415	gtfB	AE014133.1	[Yano et al., 2002]
<i>Streptococcus sanguinis</i>	2,388,435 [Xu et al., 2007]	gtcgatggcgaggatctagagc	ctctgcatttgacgcatacg	374	ddlA	CP000387.1	[Garnier et al., 1997]
All streptococci	NA	agatggaccctgcgttgt	gctgcctccgttaggagtct	130	16S rRNA	NA	[Dalwai et al., 2007]
Total bacteria	NA	acgcgargaaaccttac	ctcacgrcagcagctgacg	94	16S rRNA	NA	[Wang and Qian, 2009]

NA = Not applicable

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